

Welcome to the Risk MAP Progress Website User Guide

We hope that you find the information contained within these pages to be useful and beneficial to both you and your organization.

Here you will find information on how the Risk MAP Progress Website works, follow the quick links below to navigate to different areas within the user guidance:

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Attention

Notice to users

This area is intended to change frequently, so please check back for periodic updates. Please note that we are continually working on making improvements to the website for optimum usability.

- The data used in the Risk MAP Progress Website is as of October 29, 2013. In the future, data will be pulled on a quarterly basis.
- We now have an email address for you to send us your questions and comments! Please send emails to RiskMAPProgressWebsite@riskmapcds.com
- If you experience any site performance issues, please see the “More Information” section of this text for additional information.

Introduction

The vision for Risk MAP is to deliver quality data that increases public awareness and leads to action that reduces risk to life and property. Risk MAP builds on flood hazard data and maps produced during the Flood Map Modernization (Map Mod) program. FEMA has introduced the Risk MAP Progress Website, an interactive geoportal that was developed to provide transparency and communicate FEMA’s investments towards achieving its vision and goals for Risk MAP. The website visually communicates Risk MAP and Map Mod project status to the public and stakeholders. The geoportal is accessible from the FEMA Risk MAP website, <http://www.fema.gov/rm-main>.

Building on the reporting tools and reports developed during Map Mod to track program progress, FEMA has enhanced the reporting mechanisms to account for new Risk MAP projects. Additional tracking mechanisms have

been developed as part of Risk MAP. Traditionally, project types and investments were displayed through static maps and tables with the annual Progress Report and Production Plan. In an effort to improve access and usability, as well as include Risk MAP projects, the Risk MAP Progress Website was developed. It provides stakeholders an interactive and geospatial means to retrieve information related to Risk MAP and Map Mod projects.

The Risk MAP Progress Website displays projects that have been funded across the Nation and provides users with the ability to drill down to a specific Region, State or County. Users may filter and export data by the Fiscal Year (FY) a project was funded or by specific project types, which include watershed, coastal, levee, other riverine, and elevation projects. The data shown within the Risk MAP Progress website is updated each quarter of the fiscal year.





For more information on FEMA's Risk MAP Program, please visit <http://www.fema.gov/rm-main>. For more information on FEMA's Map Mod program, please visit <http://www.fema.gov/national-flood-insurance-program-flood-hazard-mapping/map-modernization>.

Functionality

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Toolbar

The Progress Report Toolbar is located at the top left of the screen.

- **Progress Report toolbar** contains filters and mapping tools.
 - **Filters** allow the user to filter by FEMA Region, State, County, and Fiscal Year Funded. Based on the selections made using the filters, the base map will change and the tabular project detail data will be populated at the bottom of the screen. The area filtered upon will be clearly outlined on the base map. Note that the Fiscal Year Funded is based on the first Federal fiscal year a project was funded and may have received additional funding in subsequent years. Please see the notes to users section below for the definition of the Federal fiscal year.
 - **Buttons** allow the user to perform the following functions:
 - **Clear**  – this button will clear any filters selected. As mentioned above, the tabular project detail data will populate based on the filtered selection. If making a new selection, the user must press 'clear' to remove previous selection from showing. This button will also clear projects displayed within the project detail tables.
 - **Export**  – this button will export the data in spreadsheet format to your computer. The data exported will be based on the filters selected by the user. The user can then manipulate the data within the spreadsheet to fit their needs.
 - **Export to PDF**  – this button will create a report based on the filter selections chosen by the user. The report will appear in a new window and can be printed and/or saved as a PDF.
 - **Help**  – this button contains this User Guide for the Risk MAP Progress Website.









- **Base Map toolbar** – can be found within the map window and allows the user to select the base map of preference to view project footprint layers on.



- **Streets** – is the default base map for the site and provides highway-level data for the world and street-level data for North America.
- **Topo** – is detailed U.S. Geological Survey (USGS) topographic maps for the United States at multiple scales.
- **Imagery** – is satellite imagery for the world and high-resolution imagery for the United States.



- **Navigation toolbar** – can be found within the map window and includes tools for:

- **Full Extent**  – allows the user to reset the extent of the map upon arrival to the site.
- **Zoom In**  – allows user to zoom in by dragging a box around the area they want to zoom in to.
- **Zoom Out**  – allows the user to zoom out by dragging a box around the area they want to zoom out from.
- **Pan**  – allows the user to move the map around by clicking and dragging.
- **Previous Extent**  – allows the user to go to the last extent of the map viewed.
- **Next Extent**  – allows the user to go back to the next extent of the map viewed.

Project Footprint Data Layers

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The **Table of Contents** on the left side of the screen contains the various project footprint data layers available. These are categorized by Projects and then separated out by Risk MAP and Map Mod. Projects are displayed on the map as “footprints” that represent the approximate geographic location of a project. The footprints may not cover the exact physical extents of a project but are meant to represent the general location of a project.

The Risk MAP heading and associated data layers represent the various types of Risk MAP funded projects. The Map Mod heading and associated data layers represent those projects funded during the Map Mod Program. Risk MAP project type and Map Mod data layer definitions are listed below.

A project may be associated with multiple data layers, including both Risk MAP project types and Map Mod. In these instances, the order in which the data layers are listed determines the hierarchy that the layers are displayed on the map. For instance, if a project were both coastal and levee, the levee project footprint would appear on top of the coastal project footprint because it is listed first in the **Table of Contents**. Therefore, a user may need to adjust the transparency of the data layers or turn them on or off to view all project footprints. The transparency of Risk MAP and Map Mod data layers can be adjusted by using the lever to the right of the data layer headings.

For those Risk MAP projects that are Other Riverine, Coastal, and Watershed project types, they will be categorized between Funded and Completed Projects. These projects will be the same color but Funded will be lighter and Completed will be darker. Funded means that a project has received FEMA funding, has not completed the elements it was funded for, and an effective Flood Insurance Rate Map (FIRM) has not been issued. Completed means a project is no longer ongoing, has completed all elements funded for the project, and/or has an effective FIRM issued. For more information about the effective FIRM in your area please visit the FEMA Map Service Center website, <https://msc.fema.gov>.

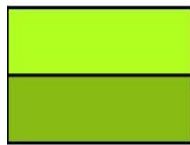
- **Risk MAP Project Type Definitions:**
 - **Levee** – projects which follow the Levee Analysis and Mapping Procedures for Expired/Non-

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Accredited Levees or involve some type of levee aspect such as removing a Provisionally Accredited Levee (PAL) note. For more information on FEMA's levee analysis approach, please visit FEMA's website, <http://www.fema.gov/living-levees-its-shared-responsibility/fema-revising-its-levee-analysis-and-mapping-approach>. If you live in an area impacted by a levee project, please visit FEMA's website for more information about living with levees, <http://www.fema.gov/living-levees-its-shared-responsibility>.

- **Other Riverine** – projects funded by the Risk MAP Program that are not specifically watershed, coastal, levee, or elevation related.
- **Coastal** – projects that involve coastal flood hazard data updates. Coastal project types are part of Risk MAP's focus on coastal flood hazard mapping. For more information, visit the FEMA website and the FY12 Report to Congress found on the Risk MAP website at <http://www.fema.gov/rm-main>.
- **Watershed** – projects funded as a watershed per FEMA's watershed strategy. For more information on the guidance for implementation of watershed-based studies, please visit FEMA's website, <http://www.fema.gov/library/viewRecord.do?id=4287>.
- **FEMA Funded Elevation Data** – projects where FEMA has funded the acquisition of elevation and imagery data. For more information on FEMA's Geospatial Coordination and associated reports, please visit, https://hazards.fema.gov/femaportal/wps/portal/!ut/p/c4/04_SB8K8xLLM9MSSzPy8xBz9CP0os3gDCyNfM_OAYHcnA3cPH1_vEFdDAwiQL8h2VAQAYSek7w!!/?PC_7_082M67P_SGB0GHLMK9J400000000000000_ContentData=%2Fresources%2Fgeoreports.htm.



Watershed



Coastal



Other Riverine



Levee

The Risk MAP Project Types color key. Ongoing projects are the lighter shade of the color and Completed projects are the darker shade.

• Map Mod Definitions:

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- **Map Mod Ongoing** – projects first funded prior to FY2009 under the Map Mod program that are currently ongoing where a preliminary and/or effective Flood Insurance Rate Map (FIRM) has not been issued.
- **Map Mod Preliminary** – projects first funded prior to FY2009 under the Map Mod program where preliminary FIRM has been issued but has not yet received an effective FIRM.
- **Map Mod Completed** – projects first funded prior to FY2009 under the Map Mod program where an effective FIRM has been issued.
- **Map Mod Not Planned** – projects that were not planned to be funded under the Map Mod program.



**Map Mod
Effective**



**Map Mod
Preliminary**



**Map Mod
Ongoing**





**Map Mod
Not Planned**

The Map Mod Project Types color key.

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Additional Base Map Layers

When users scroll down the **Table of Contents** on the left side of the screen they will find additional map layers. These layers allow users to view the watershed and county layers of the United States of America.

- **Watersheds** 
 - Displays outlines and labels for HUC-8 watersheds. For more information regarding the USGS classification of watersheds by Hydrologic Unit Code (HUC), please visit <http://water.usgs.gov/GIS/huc.html>.
 - Watershed names are visible beginning at a scale 1:1,000,001 to 1:5,000,000. Full labels of watershed name and HUC-ID are visible at and within a scale of 1:1,000,000.
 - This layer is turned off by default.
 - Turn this layer on to see the Names and HUC IDs of all the watersheds associated with projects that have multiple watersheds.
- **Counties** 
 - Displays outlines and labels for counties.
 - County names are visible beginning at a scale of 1:1,000,001 to 1:5,000,000. Full labels of county names and FIPS code are visible at and within a scale of 1:1,000,000.
 - This layer is turned off by default.

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Project Data

- **Project Summary** – When a user selects or clicks on a project footprint, data for that project will appear in the Project Summary on the right side of the screen. The information displayed in the Project Summary is based on selecting a project footprint and is not populated based on the filters in the Progress Report toolbar. Multiple case numbers and/or communities may be associated with a project and can be viewed by clicking the Next, Previous, First and Last arrows located directly below the Project Summary heading to scroll through the multiple items. For more information about the effective FIRM in your area please visit the FEMA Map Service Center website, <https://msc.fema.gov>.
- **Project Details** – Project details appear at the bottom of the screen and show tabular project data based on the filter criteria selected in the Progress Report toolbar. Any of the project detail column headings can be dragged directly below the Details heading to group by that column. Additionally, each column can be custom filtered by clicking on the icon to the right of the column heading. If there are a large number of records, multiple pages will be shown as numbered tabs that can be clicked on to view additional project records. The project details can be viewed for each project type or for all project types. When a project




record is clicked on within the detail tables the base map will outline and zoom to that project. A user should use the “Clear” button to start over or clear any unwanted data from the project details, and to remove the outline of projects on the map. Within the project details there is a field for “Project Status.”

The project status definitions are listed below.

- **Active** – a project will have this status if it is currently ongoing.
- **On-hold** – a project will have this status when it is temporarily inactive.
- **Completed** – a project will have this status when it is no longer ongoing and/or has completed all elements funded for the project.

Menu Docking

In order to display a larger view of the map on screen, the Table of Contents, Progress Report toolbar, Project Summary, and Project Details may all be docked or hidden from view.

- The toolbars can be expanded or collapsed by clicking the arrow in the top right corner.
- The Table of Contents, Project Summary, and Project Details have several options available by clicking on the inverted triangle located in the top right corner of each of these areas. The options available when the thumbtack icon  is down are listed below.
 - **Floating** – the area will appear on screen and its location can be adjusted by the user, in order to return to original location user must refresh webpage.
 - **Dockable** – this will expand the area within its “docked” location along the sides of the screen.
 - **Tabbed in document** – this will expand the area across the full width of the screen.
 - **Auto hide** – this will collapse the area to its “docked” location.
 - **Hide** – this will hide the area from view completely.

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Partnering with FEMA

FEMA welcomes opportunities to enhance partnerships with locals, states, other federal agencies, non-profit organizations, and/or businesses to improve Risk MAP. Please contact your FEMA Region or email a Map Specialist at FEMAMapSpecialist@riskmapcds.com. FEMA may not provide individual replies to all comments, but all feedback will be considered in FEMA’s implementation of Risk MAP.

More Information

For questions and comments about the Risk MAP Progress Website:

- Please direct emails to RiskMAPProgressWebsite@riskmapcds.com
- Although not required, it is recommended that you use a high speed internet connection while accessing this website. Doing so will optimize the website performance, allowing all functions to work as expected. If you experience issues with the Progress Report filters, results no longer being displayed in the detail tables, or the Export to Excel or Export PDF Report buttons not working, you may be on a slow network connection. You can continue to use the interactive map and view project summaries, however you will need to access additional functions on a faster connection.
- The Risk MAP Progress Website accesses a large amount of data to populate the different tables and reports and to show project footprints on the base map. It may be necessary to clear your browser history or cache between visits to the site in order for your browser to access all of this data properly. Since this may differ from browser to browser, please visit your browser’s help feature to determine the



appropriate steps needed to clear its history. After clearing history please be sure to close the browser completely and reopen it.

For more information or additional assistance:

- Please e-mail a Map Specialist at the [FEMA Map Information eXchange \(FMIX\) FEMAMapSpecialist@riskmapcds.com](mailto:FEMAMapSpecialist@riskmapcds.com).
- Please call a Map Specialist at the [FMIX](tel:1-877-336-2627); toll free, at 1-877-FEMA MAP (1-877-336-2627).
- The FMIX hours of operation are Monday through Friday, 8:00 am through 6:30 pm Eastern Standard Time (Eastern Daylight Time). Self-service options are available 24 hours a day, seven days a week.

To find specific information about flood maps in your community:

- Please visit the FEMA Map Service Center website, <https://msc.fema.gov>.

Notes to Users

1. Data is updated through internal FEMA systems of record; data is as of September 15, 2016. .
2. A preliminary and effective map fiscal year is the fiscal year in which a preliminary FIRM was delivered to the community(ies) impacted by the project.
3. The Federal Fiscal Year is from October 1st – September 30th. For example, FY13 began on October 1, 2012 and ends on September 30, 2013.
4. In some instances, all communities geographically associated with the project footprint may be shown when only a subset of communities may be impacted. FEMA is working to maintain data within systems of record and data clean-up is ongoing to address this issue.
5. Where First Funded Federal Year is equal to Map Mod, the project was first funded prior to FY2009 during FEMA's Map Mod program. A project may be funded in both Map Mod and Risk MAP and may appear in both data layers.
6. Where a case number is not indicated, the project may be newly funded and a case number has not yet been established or it is a Map Mod project that is already effective. Where there is not a case number, additional data fields will also not be available until a case number is established for tracking project progress.
7. For Risk MAP and Map Mod projects, not all map panels within a county, watershed, or other project footprint may be updated.
8. Where a preliminary map fiscal year or effective map fiscal year is not indicated, the project has not yet progressed far enough for a preliminary map or effective map fiscal year to be projected.
9. There may be some projects initially funded during Map Mod that have been converted to Risk MAP through additional communication, increasing flood risk awareness and by providing Risk MAP products. These projects are shown in the Risk MAP project type layers.
10. Please note that the project type shown as FEMA Funded Elevation Data may not mean the elevation acquisition for a project has been completely funded by FEMA, but may have been partially funded through established partnerships.
11. Locations of levee dots are approximated based on the location of the levee project and do not reflect the actual location of levee structures.

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